537,591

10/537591

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

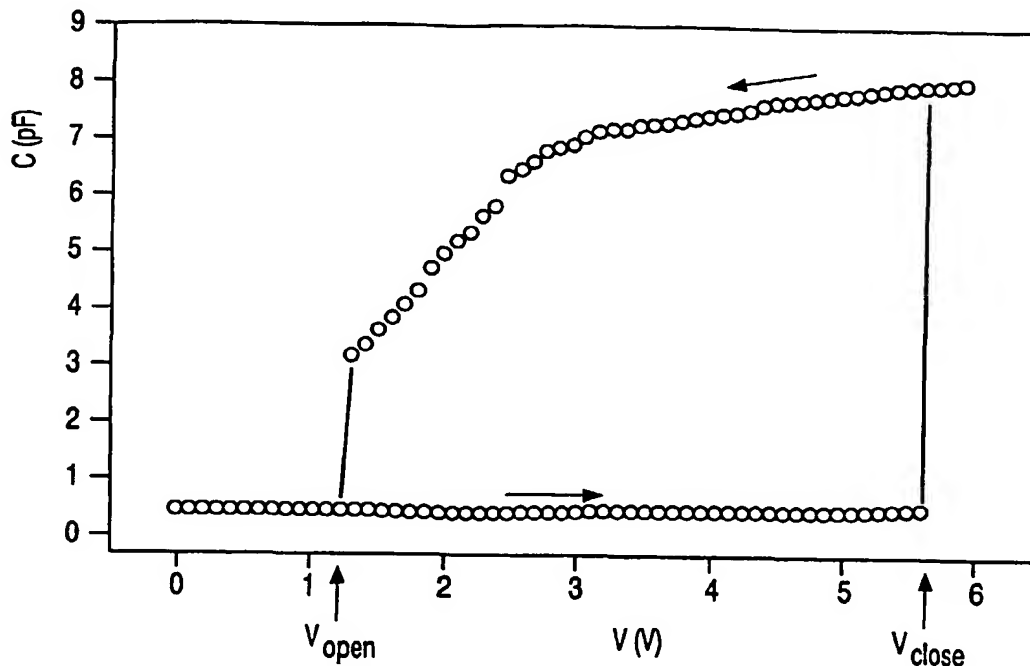(43) International Publication Date
24 June 2004 (24.06.2004)

PCT

(10) International Publication Number
WO 2004/054088 A2

[Continued on next page]

(54) Title: DRIVING OF AN ARRAY OF MICRO-ELECTRO-MECHANICAL-SYSTEM (MEMS) ELEMENTS

(57) Abstract: Method for driving an array of micro-electro mechanical system (MEMS) devices, said array providing a plurality of logical or memory states at it output, wherein the MEMS devices are given a characteristic hysteresis curve differing from one MEMS device to another MEMS device, and wherein a single control voltage applied to all the MEMS devices while the various states of the array are to be obtained by varying the single control voltage.

WO 2004/054088 A2